

REMARKS

Applicant has the following response to the Office Action of June 4, 2003.

Claim Rejections - 35 USC §103

In the Office Action, the Examiner rejects Claims 8-35 under 35 USC §103 as being unpatentable over Yamazaki '027 and Akiyama. This rejection is respectfully traversed.

With respect to the rejection of independent Claim 8, the Examiner mainly relies on Yamazaki '027 and contends that it discloses a method for manufacturing a semiconductor device; forming a gate electrode over a front side of a substrate; forming a semiconductor film over said gate electrode with a gate insulating film interposed there between; and forming a photosensitive film over said semiconductor film, and cites Fig. 39 in the reference in support thereof.

Applicant disagrees with this characterization of Yamazaki '027, and particularly that the step of forming a semiconductor film over said gate electrode with a gate insulating film interposed therebetween, is disclosed in the reference. As is clear from the figure, the TFT in Fig. 39 in Yamazaki '027 is a top-gate type TFT with a gate electrode over a semiconductor film. Hence, the semiconductor film is not "over" the gate electrode.

The Examiner also appears to allege that 504 in Fig. 39 is a photosensitive film over said semiconductor layer. Reference numeral 504 in Yamazaki '027, however, is a drain electrode as clearly shown in the figure.

Further, the Examiner admits that Yamazaki '027 does not describe "the step of preparing a reflecting plate apart from a surface of said photosensitive film by a predetermined distance; to preparing a light source for emitting a light".

The Examiner, however, alleges that Akiyama describes "preparing a reflecting plate apart from a surface of said photosensitive film by a predetermined distance; to preparing a light source for emitting a light to provide a reflective surface that can be easily moved to desired positions, provide a light beam of larger diameter and minimize adverse effect of impurity particles in its path". In support thereof, the Examiner cites M1 M2, M3, Fig. 1 and col. 1, lns. 25-26 in Akiyama. The Examiner then contends that it would have been obvious to modify the method of Yamazaki to incorporate the teaching of Akiyama to make the claimed invention. Applicant disagrees with the Examiner's contentions for at least the following reasons:

Akiyama is not directed to an exposure of a photosensitive film over a substrate. Instead, Akiyama is directed to a scale reader (see col. 1, lns. 7-8 therein). Therefore, one skilled in the art would not combine the teachings in Akiyama and Yamazaki, as suggested by the Examiner.

Furthermore, the Examiner appears to be relying upon the reflection from M2 and M3 in Akiyama for showing the claimed feature that the photosensitive film is irradiated from a back side of a substrate. However, reference numeral 1 of Fig. 1 in Akiyama is a "scale" but not a "substrate". Therefore, Akiyama fails to teach or suggest the claimed irradiation from a back side of a substrate. Moreover, there is no photosensitive film over the scale (the alleged substrate) in Akiyama.

Hence, Applicant cannot find any teaching about a step of forming a photosensitive film and a step of irradiating said photosensitive film from a back side of the substrate, as recited in Claim 8, in either Yamazaki '027 or in Akiyama.

Therefore, for at least the above-stated reasons, independent Claim 8 and those claims dependent thereon are clearly not disclosed or suggested by the cited references but are patentable thereover.

For similar reasons, the other claims of the present application are also not disclosed or suggested by the cited references and should be allowed.

Information Disclosure Statement (IDS)

Applicant is submitting an IDS with this amendment. It is respectfully requested that this IDS be considered prior to any further action being issued.

Miscellaneous

There appears to be a typographical error on the PTO Form 892 received with the Office Action. Document number A is listed in the Form as "US-4,269,886; Bondoc". However, it is believed that Document number A should be "US-4,629,886; Akiyama". Also, there appears to be a typographical error on the PTO Form 326, Office Action Summary. The box of Disposition of Claims is not checked and Claim(s) "8-33" is written. This should be "8-36". In the DETAILED ACTION in the Preliminary Amendment Status, on page 3, line 4 of the Office Action "Claims 1-8" is not correct, and it should be "Claims 1-7" with newly added "claims 34-36".

Conclusion

For at least the above stated reasons, it is respectfully submitted that the claims of the present application are in a condition for allowance and should now be allowed.

If any further fee is due for this amendment, please charge our deposit account 50/1039.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,

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Mark J. Murphy
Registration No. 34,225

COOK, ALEX, McFARRON, MANZO,
CUMMINGS & MEHLER, LTD.
200 West Adams Street
Suite 2850
Chicago, Illinois 60606
(312) 236-8500